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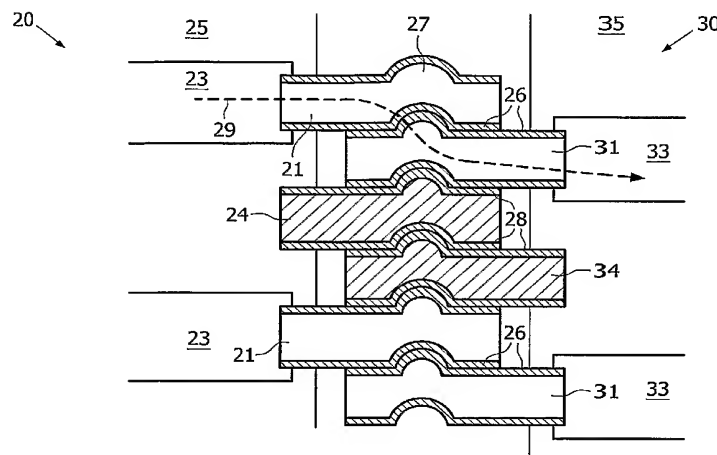
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(54) Title: ELECTRICAL CONNECTOR ABSTRACT An electrical



(57) Abstract: An electrical zipper-type connector is provided which can be used in wearable electronics applications. The connector has a first connector part (20) with an array of connector members (21, 24) and a second connector part (30) with an array of connector members (31, 34), which can mate with the first array of connector members. The first and second connector parts (20, 30) have contacts for forming a conductive path when the connector parts (20, 30) are mated with one another. Once the connector parts (20, 30) have been mated a force is applied between the contacts, which maintains them in electrical contact. The force can be applied in a variety of ways, such as by: a resilient coating (26) on the connector parts; a cord which pulls the connector parts together; having one connector part clasp the other connector part; or binding the connector parts together. Alternatively, the first connector part can comprise a set of teeth that provide mechanical alignment and interconnection and a flexible strap (615) that carries contacts.

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